



CLIMATE-FRIENDLY AGRIBUSINESS VALUE CHAINS SECTOR PROJECT (CFAVC)



ADB Loan No. 3661-CAM (COL)/8346-CAM (EF) Grant
No. 0579-CAM (EF)



GREEN
CLIMATE
FUND



MONTHLY PROGRESS REPORT

May 2023

Project Management Unit (PMU) of MAFF

I. INTRODUCTION

This is the Monthly Progress Report for the Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC) -- Project Number: 48409-002). The CFAVC project is funded by the Asian Development Bank (ADB) with ADB Loan No. 3661-CAM (COL)/8346-CAM (EF) Grant No. 0579-CAM (EF) and the Government of Cambodia. The report has accumulated the progress as of March 2023.

The project has consumed (time elapsed) **58%** (against 95 months), and spent **11.1%** of total fund (141.04M\$), and the overall project progress is **43.67%**.

All progress figures in this report over the period up to this month are accumulative amounts from the project started in 2019 while progress reported over the current month is actual progress.

II. PROJECT DESCRIPTION

The project's basic information is shown in Tables 1 and 2.

Table 1: Basic Project Information

Project Number:	48409-002
Project Title:	Climate-Friendly Agribusiness Value Chains Sector Project (CFAVC)
Recipient:	Royal Government of Cambodia
Executing Agency (EA):	Ministry of Agriculture, Forestry and Fisheries (MAFF)
Project Management Units (PMUs)	<ul style="list-style-type: none"> ▪ Ministry of Agriculture, Forestry and Fisheries (MAFF) Implementing Agencies (IAs): <ul style="list-style-type: none"> ➢ Cambodia Agricultural Research and Development Institute (CARDI) ➢ General Directorate of Animal Health and Production (GDAHP) ➢ General Directorate Agriculture (GDA) ▪ Ministry of Water Resources and Meteorology (MOWRAM) Implementing Agencies (IAs): <ul style="list-style-type: none"> ➢ General Directorate of Technical Affairs ▪ Ministry of Rural Development (MRD) Implementing Agencies (IAs): <ul style="list-style-type: none"> ➢ General Directorate of Technical Affairs

Source: ADB-CFAVC-PAM (June 2018)

Table 2: Dates of Loan/Grant approvals, effectivity and Closing

Loan/Grant Sources	Effective date	Closing date	Duration	Time elapsed	% time elapsed
Grant 0579-CAM Green Climate Fund	28 Mar 2019	30 Sep 2026	90 Months	50 months	56%
Loan 3661-CAM Concessional ordinary capital resources lending	01 Oct 2018	30 Sep 2026	95 Months	55 months	58%
Loan 8346-CAM Green Climate Fund	28 Mar 2019	30 Sep 2026	90 Months	50 months	56%

Table 3: Project Financing

Sources	Amount (US\$ Million)	Share of Total (%)	Disbursement (%)	Expenditure (%)
ADB loan (concessional)	90.00	63.81%	19.81%	14.0%
ADB loan (GCF)	10.00	7.09%	10.34%	4.9%
ADB Grant (GCF)	30.00	21.27%	10.42%	6.5%
Sub-total of ADB	130.00	92.17%	40.57%	
Cambodia Government	7.38	5.23%	11.21%	8.5%
Beneficiaries' contribution	3.66	2.60%	0.0%	0.0%
Total fund	141.04	100.00%	12.6%	11.1%

(* = Cumulative up to May'2023 "Combined all PMUs", extracted from ADB-LFIS/GFIS system)

(** = Since the other two PMUs "MoWRAM & MRD" did not provide their monthly report at all, they provide us for quarterly report only. So the figure is as of March 2023)

Table 4: Overall physical progress (as of March 2023):

Outputs	Assigned weight	Progress (%)
Output 1	65.00	28.98
Output 2	20.00	9.19
Output 3	15.00	5.49
Overall	100.00	43.67

III. IMPLEMENTATION PROGRESS

No. DMF	Activities	Current Month ¹ (April 2023)	Accumulative to date ² (May 2023)	Remarks ³
Output 1: Critical agribusiness value chain infrastructure improved and made climate-resilient				
Activity 1.1. Rehabilitating water management infrastructure				
1.a	27 Irrigation and water management systems rehabilitated and made climate-friendly	<ul style="list-style-type: none"> Completed of the construction 2 schemes Ongoing construction 4 schemes DED has completed 25/27 of the total schemes 	<ul style="list-style-type: none"> 25 schemes DED completed (14,172 Ha) 2 schemes DED ongoing (935Ha) 7% Ongoing construction 4=(2,050Ha) 76% Completed construction 5=1200Ha <p>Total 27 schemes</p>	CS1 (MOWRAM)
1.b	800 On-farm rainwater harvesting ponds commissioned	<ul style="list-style-type: none"> Bidding evaluation process for 279 ponds (CW1. A.1:80, CW1. B.1: 63, CW1. C.1:66 and CW1. D.1:80) 	<ul style="list-style-type: none"> Construction not yet start 279 completed DED 521 not yet start <p>Total: 800</p>	CS1 (MOWRAM)
	15 drip irrigation demonstration units on mango farmers' land	<ul style="list-style-type: none"> There is no activity progress during the reporting period. 	<ul style="list-style-type: none"> 15 farms have been identified. Document data collection process has been done since 2021 that included identifying and interviewing with many farmers with GDA/PMU/CS2 team from 4 target provinces, then identifying and shorting listed 5 candidates for planning to install a drip irrigation system with solar pump in their mango orchards, and then cooperated with DTL for continue bidding document process. DTLCS1, DTLCS2, PMU team and GDA/DoEA to review the progress of 5 drip irrigation systems, based on AWPB-2022 to identify some documents that are 	It is in the stage of the procurement process

¹ progress report within the current month² progress report accumulated since the project started in 2019³ Remarks for within the current month

No. DMF	Activities	Current Month ¹ (April 2023)	Accumulative to date ² (May 2023)	Remarks ³
			not completed based on technical specifications. <ul style="list-style-type: none"> ○ We have done the BoQ estimation for each drip irrigation and solar pump. ○ The last DoEA representative did the proposal for demonstration site arrangement on drip irrigation system installation with the solar pump to PMU and PMU's procurement guide to access with ADB forward implementation in the field. 	
Activity 1.2 Upgrading agricultural cooperative value chain infrastructure				
1.d	80 Agricultural cooperatives have integrated adaptation measures in postharvest infrastructural investments	<ul style="list-style-type: none"> ○ 21 ACs (13 Takeo and 8 Kampot) completed ○ 14 ACs (4 Kampongcham and 10 Tboung Khmum construction progress at 80%) ○ 25 ACs contract awarded on the 3 May 2023 construction start on the 9 May 2023 	<ul style="list-style-type: none"> ○ Completed construction of 20 ACs ○ 35ACs completed 80% (ongoing construction). ○ 25 ACs completed BER and submit to MEF on 13 April 2023. ○ 25 ACs contract awarded on the 3 May 2023 construction start on the 9 May 2023 Total 80 ACs	<ul style="list-style-type: none"> ○ PPIUs Continue to follow up on the ACs ○ No more input for Public Private Partnership Specialist (waiting for NOL from ADB)
Activity 1.3 Improving connectivity to cooperatives and markets through climate resilient farm road networks:				
1.c	At least 250 Km of Farm roads upgraded to climate-resilient standards to improve Connectivity to Cooperatives and Markets	<ul style="list-style-type: none"> ○ Ongoing construction of 8 contracts 	Completed construction =0 contract <ul style="list-style-type: none"> ○ Ongoing construction 8 contracts=(71km) 61% ○ 100.12 km DED completed ○ 100.72 km DED ongoing (55%) Total 250 Km	CS1 (MRD)
Activity 1.4 Strengthening Infrastructure for agricultural quality and safety testing at the National Agricultural Laboratory (NAL)				
1.e	Crop product quality and safety testing infrastructure in National Agriculture Laboratory upgraded	<ul style="list-style-type: none"> ○ Lab renovation: construction completed. In addition, some of the shortcomings are fulfilled by the 	<ul style="list-style-type: none"> ○ Lab renovation: construction completed ○ Net-house: construction is completed 100% 	Net House: still waiting for connection of water supply from the state, wastewater, and spray

No. DMF	Activities	Current Month ¹ (April 2023)	Accumulative to date ² (May 2023)	Remarks ³
		<ul style="list-style-type: none"> ○ responsible company in collaboration with NAL. ○ Net-house: construction ongoing 100% 		water to control temperature.
	establishing genetically modified organisms (GMO) and Phytotoxin	<ul style="list-style-type: none"> ○ Updating the concept note: of Technical training on GMO & Phytotoxin prepared and revised for the last version. 	<ul style="list-style-type: none"> ○ Prepared concept note: completed ○ List of equipment for GMO and Phytotoxin: Ongoing 50% 	The list of equipment still checks the specification of the product and price by an expert.
	supporting ISO 17025 accreditation	<ul style="list-style-type: none"> ○ ISO 17025 Accreditation Compliance Specialist: waiting for NOL from ADB. 	ISO 17025 Accreditation Compliance Specialist: not yet mobilized	Specialist: not yet mobilized
	Plant tissue culture (developing tissue culture protocols for bananas and cassava)	<ul style="list-style-type: none"> ○ Ongoing work to develop the manual of Cassava: completed (4th revision). 	<ul style="list-style-type: none"> ○ Prepared concept note: completed ○ On-the-job training on mother plant collection for multiplication through tissue culture for cassava with a total of 72 persons of which 54 are females. ○ Training on plant tissue technology for banana, cassava, and orchid with a total of 12 persons of which 9 are female. ○ TWG meeting on the development of cassava tissue culture development manual with a total of 13 persons of which 3 are females. ○ Conducted a Consultative workshop on the cassava tissue culture development manual with a total of 25 participants of which 6 are women. ○ Developed manual of Cassava: completed (4th revision). 	The tissue Culture Development Specialist has left the input to fulfil the work.

No. DMF	Activities	Current Month ¹ (April 2023)	Accumulative to date ² (May 2023)	Remarks ³
	Assisting the laboratory commercialization process	<ul style="list-style-type: none"> ○ Ongoing work to update the concept note and schedule for the training and field study on Laboratory commercialization and service marketing on tissue culture-derived products (banana) for PDAFF. 	<ul style="list-style-type: none"> ○ Seed Policy for Cambodian: ongoing ○ The enacted Law on Seed Management and Plant Breeder's Rights adopted by the parliament on April 08, 2008: Ongoing ○ Law on biosafety in Cambodia enacted by parliament on 28 December 2007: Ongoing ○ The legal framework on modern biotechnology developed by Codex Alimentarius Commission- FAO/WHO intergovernmental body: Ongoing ○ The Biosafety regulations for GMO crop in Asia-Pacific: Ongoing 	The activities waiting for AWPB2023 approval by MEF.
	supply analytical testing equipment	<ul style="list-style-type: none"> ○ All Lab equipment for NAL will move to the next year. 	<ul style="list-style-type: none"> ○ Bid Evaluation Report (BER) ongoing 	Wait for the procurement update.
	Bio-fertilizer / Organic fertilizer (Pesticide residue rapid test kits for field testing and desktop testing equipment for plant toxins will also be supplied)	<ul style="list-style-type: none"> ○ Ongoing work to develop the manual of Standard Operation Procedure. ○ No more inputs for Bio-fertilizer & Organic Fertilizer Testing Specialists. 	<ul style="list-style-type: none"> ○ On-Job training course on the quality testing of bio-fertilizer and bio-pesticide with a total of 144 persons/108 are females. ○ Conducted a market survey on the use and quality of bio-fertilizer and organic fertilizer in the local market and training on bio-pesticide, bio-fertilizer production, and quality testing with a total of 12 persons of which 9 persons are females. ○ Consultative workshop on SOP for bio-fertilizer fertilizer quality testing manual with a total of 51 participants of which 9 persons are females. ○ Developed the manual of Standard Operation Procedure (SOP) for quality testing of bio-fertilizer and completed the 3rd draft revision. 	Bio-fertilizer & Organic Fertilizer Testing Specialist have left the input to fulfil the work.

No. DMF	Activities	Current Month ¹ (April 2023)	Accumulative to date ² (May 2023)	Remarks ³
			<ul style="list-style-type: none"> ○ Consultative workshop on ISO 17025 Accreditation guideline with a total of 42 participants of which 14 are females. ○ Development of technical guidelines and procedure for lab ISO17025 accreditation was completed 3rd draft revision. ○ Development of the manual of Standard Operation Procedure (SOP) for quality testing of organic fertilizer was in the first draft version. 	
Activity 1.5 Promoting renewable energy (bio-digesters and use of solar energy in target cooperative areas) for value chain improvement:				
1.f1.	12,000 Bio-digesters made operational benefitting 40,000 persons (50% are women)	<u>Bio-digester:</u> <ul style="list-style-type: none"> ○ Ongoing works to follow up on the activities under the research, development, pilot and functioning use of the bio-digester. ○ No activities since no input for the specialist (waiting for NOL from ADB). 	<u>Bio-digester:</u> <ul style="list-style-type: none"> ○ Construction: not yet started (BER ongoing) ○ 21, 065 farmers (female =10,869 (52%) have been trained and received information about Bio-digester in Training & Capacity Building, Promotion & Marketing, Monitoring & Evaluation and Innovation & Value Chain Improvement activities. ○ Project identified 4,156 farmers of which 2,087 farmers are female for the potential to build the Bio-digester. ○ The key farmer who has intended to buy: ongoing 8% (976 HHs) ○ The key farmer who has an interest: ongoing 2.36% (283 HHs). ○ Research, development, pilot, and use of the bio-digester: ○ 56 bio-digesters construction completed and functioning with (280 beneficiaries (145 F). ○ 13 bio-digesters will be constructed (52 beneficiaries (27F). 	National Bio Slurry Specialist has no more input to fulfill the work.

No. DMF	Activities	Current Month ¹ (April 2023)	Accumulative to date ² (May 2023)	Remarks ³
			<ul style="list-style-type: none"> ○ Research, development, pilot and use of the compost hut: 	
1.f2.	6,000 Compost-huts made operational benefiting 40,000 persons (50% are women)	<p><u>Compost-hut:</u></p> <ul style="list-style-type: none"> ○ Ongoing works to follow up on the activities under the research, development, pilot and functioning use of the bio-digester. ○ No activities since no input for the specialist (waiting for NOL from ADB). 	<p><u>Compost-hut:</u></p> <ul style="list-style-type: none"> ○ Construction: not yet started (BER ongoing) ○ 21, 065 farmers (female =10,869 (52%) have been trained and received information about Compost hut and its benefit (bio-slurry use and management) in Training & Capacity Building, Promotion & Marketing, Monitoring & Evaluation and Innovation & Value Chain Improvement activities. ○ Project identified 3,437 farmers of which 1,695 farmers are female for the potential to build the compost hut. ○ The key farmer who has intended to buy: ongoing 10.7% (647 HHs) ○ The key farmer who has interested: ongoing 3.8% (230 HHs) ○ Research, development, pilot and use of the compost hut: ○ 22 compost-hut construction completed with (110 beneficiaries (60F) ○ 47 compost-hut will be constructed. ○ Support input for integrated farming demonstrations: ○ 38 integrated farm demonstrations and on sites training completed with 154 participants (83F) ○ 28 demonstration farmers and training have not yet started. 	National Bio Slurry Specialist has no more input to fulfill the work.

No. DMF	Activities	Current Month ¹ (April 2023)	Accumulative to date ² (May 2023)	Remarks ³
Output 2: Climate-smart agriculture and agribusiness promoted				
Activity 2.1 Deploying climate-resilient varieties				
2.a	3 Additional climate-resilient varieties of rice and maize released	<ul style="list-style-type: none"> ○ There is no activity progress during the reporting period. 	<ul style="list-style-type: none"> ○ Two rice varieties, named Phkamealdehy (PMD) and CAR-16 and one glutinous maize variety, named CM1 were released before the project started and then in 2022, CARDI conducted a demonstration in targeted provinces. Currently, CARDI is developing rice varieties for high yield, good grain quality and resilience to climate change. The series of activities included, advancing generation in CARDI and multi-location trials in collaboration with PDAFF staff. 	No activities progress, due to waiting for the approved budget for AWPB-2023.
Activity 2.2 Strengthening capacity in climate-friendly production practices and technologies:				
2.b	40,000 Farmers trained in Climate-smart Agriculture and agribusiness development skills	<ul style="list-style-type: none"> ○ Continue to follow up on the training with PPIUs in 4 provinces. ○ The Training and Capacity Building Specialist has not mobilized yet. 	<ul style="list-style-type: none"> ○ 12,311 farmers (female =5,896 (48%) have been trained on CSA, SRP, CamGAP, training of ACs boards on ACs business development and Training on landscape restoration (farm mechanization) 	The expert has not yet mobilized.
	Support laser land leveling up to 4,000 ha (approximately 1,000 ha per province)	<ul style="list-style-type: none"> ○ There is no activity progress during the reporting period. 	<ul style="list-style-type: none"> ○ Identified 05 new irrigation schemes for the possibility of laser land leveling in project area 2 schemes in Ta Keo, 1 scheme in Kampot, one 1schemes in Tboung Khmom and 01 scheme in Kampong Cham provincePackage 1, in previous time identification of 418.58 hectares of landholding assessed and mapping. Tender documents are being prepared by CS1 and in consultation with CS2 and the procurement unit of PMU. ○ Summary progress of paddy selection for land leveling by Jan-Dec 2022. 	It is in the stage of the procurement process

No. DMF	Activities	Current Month ¹ (April 2023)	Accumulative to date ² (May 2023)	Remarks ³
			<ul style="list-style-type: none"> ○ Takeo: 125.89Ha with 935HHs (397F) ○ Kampot: 67.99Ha with 467HHs (260F) ○ KCham: 166.40Ha with 730HHs (258F) ○ TBK: 58.30Ha with 646HHs (302F) ○ Total: 418.58 Ha with 2,778HHs (1,227F) 	
	conduct “learning by doing” training by demonstrating and training in farmer fields in specific locations with three sites in each province	<ul style="list-style-type: none"> ○ Identify key farmers for rice, cassava and maize seed demonstration in the field with PPIU for 2023 in 4 target provinces. <p>1) Rice seed demonstration production(2023)</p> <ul style="list-style-type: none"> • Name of seed: PRD, PMD, CAR-16 and Champeisar70 • Primary identify key farmer: 70/44F (PRD=51demos, PMD=5demos, CAR16=5demos and Champeisar70=9demos) • Seed provided to key farmers(Foundation seed from CARDI)=440kg(PRD seed=380kg, and Champeisar70=70Kg) <p>2) Cassava seed demonstration production(2023)</p> <ul style="list-style-type: none"> • Name of seed: 81,Rayong9, (from Chamkaleu station) • Primary key farmer demos=11/5F 	<p>1) Rice seed demonstration production(2020-2023)</p> <p>1.1) Rice seed demonstration production(2020-2022)</p> <ul style="list-style-type: none"> • Name of seed: Phkar Romduol, Phkar Mealdey and CAR16 (Foundation seed from CARDI). • Farmers demo:218p/104f • Surface: 64.74ha • Average yield 3.98T/ha • Number of seeds produced: 262.497kg • Number of seed distributions to communities: 94.682kg <p>1.2) Rice seed demonstration production(2023)</p> <ul style="list-style-type: none"> • Name of seed: PRD, PMD, CAR-16 and Champeisar70 • Primary identify key farmer: 70/44F (PRD=51demos, PMD=5demos, CAR16=5demos and Champeisar70=9demos) • Seed provided to key farmers(Foundation seed from CARDI)=440kg(PRD seed=380kg, and Champeisar70=70Kg) <p>2) Cassava seed demonstration production(2021-2023)</p> <p>2.1 Cassava seed demonstration production(2021-2022)</p>	<p>Notes from officials and farmers on:</p> <p>1) Cassava - 81 varieties have the highest resistance to mosaic disease and high yields, farmers are high interested. Rayong-9 varieties are resistant to mosaic disease, moderate and high yielding, farmers are not interested.-Huay Bong-60 varieties are resistant to low mosaic disease and high yield, farmers are not interested. Cassava cultivars are still susceptible to CMD, especially on the Rayong-9 and Huay Bong-60 cultivars, which are higher than the 81 cultivars.81 species affected by Cassava Bacterial Blight Disease Hauty Bong 60 is affected by root and tuber rot.</p>

No. DMF	Activities	Current Month ¹ (April 2023)	Accumulative to date ² (May 2023)	Remarks ³
			<ul style="list-style-type: none"> • Name of seed: 81, Rayong9, Hauybong60, KU50, (from Chamkaleu station) • Farmers demo: 40/22f • Surface: 40ha • Average yield 31.5T/ha • Number of cassava distribution to communities: 10,000batch (at least 40ha) <p>2.2 Cassava seed demonstration production(2023)</p> <ul style="list-style-type: none"> • Name of seed: 81, Rayong9, (from Chamkaleu station) • Primary key farmer demos=11/5F <p>3) Maize seed demonstration production (2022-2023)</p> <p>3.1 Maize seed demonstration production (2022-2023)</p> <ul style="list-style-type: none"> • Name of seed: CHM01 and CM1 (CHM01 from Banteaydek station/GDA and CM1 seed from CARDI) • Farmers demo: 45/21f • Surface: 22.5ha • Average yield 5.12T/ha • Many people interesting and need seed (CHM01) distribution to communities. 	<p>2) Corn crop Maize is more suitable for the dry season than the rainy season, both in terms of growth and yield, short life span and fruit size, similar to other varieties, farmers are interested in during the dry season. Challenges: Corn kernels are larger than other varieties and less resistant to some herbicides.</p>
2.c.1	27 FWUCS of FWUGS made full operational	<ul style="list-style-type: none"> ○ Continued to follow up with the FWUCs/FWUGs on the operation. ○ There is no activity progress during the reporting period. 	<ul style="list-style-type: none"> ○ 12 FWUCs/FWUGs completed 100%; ○ FWUCs are ongoing (Trapeang Beung and Kandoal completed 88% in Kampot, Prey Rumdeng FWUC is 80% in Takeo, and Tbong Darei and Kampong Raing completed 75%) ○ 10 FWUCS not yet started (no budget) ○ Total 27 schemes (500FWUCs) 	There is a short budget for 10 new FWUCs/FWUGs either establishment or capacity building

No. DMF	Activities	Current Month ¹ (April 2023)	Accumulative to date ² (May 2023)	Remarks ³
2.c.2	500 FWUCS of FWUGS developed the capacity to operate and maintain their irrigation schemes	<ul style="list-style-type: none"> ○ Continued to follow up with the capacity building of FWUCs/FWUGs to operate and maintain their irrigation schemes. ○ There is no activity progress during the reporting period. 	<ul style="list-style-type: none"> ○ 83 courses provided to 3,153 FWUCs/FWUGs representatives and local authorities of which 837 were women; 	
Activity 2.3 Promoting farm mechanization and extension.				
2.d.1	4 Agricultural development centers made fully operational to provide agribusiness services	<ul style="list-style-type: none"> ○ Ongoing construction 1 PADC 	<ul style="list-style-type: none"> ○ 3 PADCs building construction completed. 	
2.d.2	4 Engineering workshops made fully operational to provide agribusiness services	<ul style="list-style-type: none"> ○ Ongoing construction 1 MEWs 	<ul style="list-style-type: none"> ○ 3 MEWs building construction completed. 	
Output 3: Enabling environment for climate-friendly agribusiness enhanced				
Activity 3.1: Formulating climate-friendly agribusiness policies and standards:				
3.a	Policy on Climate Smart and Gender Responsive Agribusiness and PPP framework formulated	<ul style="list-style-type: none"> ○ No activities since no input for specialist 	Development of Producer Group Establishments Guideline Linked with Private Sector to the Market: completed (4th draft revision) to achieve the agribusiness group of contract farming	PPP break the work in November 2022.
3.b	Good Agriculture Practice for tropical fruit endorsed (CamGAP)	<ul style="list-style-type: none"> ○ The expert resigned and has not mobilized yet. 	Tropical Fruit CAMGAP Standards development for mango has been developed with 50% by involving relevant departments (IA-GDA).	Not yet mobilized.
3.c	Good Agriculture Practice for organic fertilizer endorsed	<ul style="list-style-type: none"> ○ Ongoing work to develop the manual of Standard Operation Procedure. ○ No more inputs for Bio-fertilizer & Organic Fertilizer Testing Specialists and Tissue Culture Development Specialist. 	<ol style="list-style-type: none"> 1. Development of the manual of Standard Operation Procedure (SOP) for quality testing of bio-fertilizer completed the 3rd draft revision. 2. Development of the manual of Standard Operation Procedure (SOP) for quality testing of organic fertilizer Development of technical 	

No. DMF	Activities	Current Month ¹ (April 2023)	Accumulative to date ² (May 2023)	Remarks ³
			<p>guidelines and procedures for lab ISO17025. accreditation was completed 3rd draft revision</p> <p>3. Development of the manual of Standard Operation Procedure (SOP) for quality testing of organic fertilizer was in the first draft version.</p> <p>4. Development of the Cassava tissue culture manual was completed in the 4th draft revision.</p>	
Activity 3.2 Promoting green finance and risk sharing mechanisms:				
3.d	50 Staff from financial institutions trained in CSA and green finance	<ul style="list-style-type: none"> ○ Discuss with Association, Bank Cambodia, ACLEDA banks for the green loan and how to access the Green Financing Facility ○ Engaged with Keo Seyma REDD+ project with ABC, CMCB, Maybank, Vattanac Bank, Sathaphana, ACLEDA, FTB , Angkor Capital and a Representative from Ministry of Environment to understand and discussed green financing. They also raised with local communities on the green loan and accessing procedure as well. ○ Engaged with green financing facility establishment (MOE/ARDB/NBC/Mekong Strategy Partners progressed ○ Meeting on the Green Financing and Green project to ACLEDA bank with 6 participants at their head office 	<ul style="list-style-type: none"> ○ Identified: 50 Bank/MFI ○ TNA: completed ○ Training development plan: ongoing 80% ○ Development of training Materials: ongoing 60% ○ Delivery training: two training with ACLEDA and ARDB ○ Development of green finance landscape report: completed draft. ○ National Consultation on report: draft concept note completed. ○ Engaged with green financing facility establishment (MOE/ARDB/NBC/Mekong Strategy Partners progressed 90% ○ Consultation on the Green Financing with ARDB and ACLEDA 	Green Financing Specialist follows up with the Bank and MFI receives the green financing from GCF or other sources.
3.e	30 agribusinesses trained in green finance and CSA	<ul style="list-style-type: none"> ○ Ongoing works of TNA ○ Ongoing work on the development of training materials ○ Delivery training: 4 Meetings (Total participant:34 of which 12 persons are females) 	<ul style="list-style-type: none"> ○ Identified: 30 ACs/ Agribusiness ○ TNA: ongoing 50% ○ Development of training Materials: ongoing 70% ○ Develop the climate change training material ○ Delivery orientation meeting: 21 completed 	

No. DMF	Activities	Current Month ¹ (April 2023)	Accumulative to date ² (May 2023)	Remarks ³
			(Total participants: 335 of which 159 persons are females)	
3.f	20,000 Households were provided with information on climate risk-sharing instruments	<ul style="list-style-type: none"> ○ Identified crop insurance companies and green loan: completed (Forte for crop insurance, ACLEDA/ARDB for green loan) ○ Ongoing work on the development of extension materials ○ Involvement in data sharing with Forte on Crop Insurance. 	<ul style="list-style-type: none"> ○ Identified crop insurance companies and green loan: completed (Forte for crop insurance, ACLEDA/ARDB for green loan) ○ Develop extension materials: ongoing 5% ○ Organize workshops to share climate information with ACs members: ongoing 5% ○ Involvement in data sharing with Forte on Crop Insurance. 	
	creating an enabling environment for PPPs in agribusiness in the four value chains;	<ul style="list-style-type: none"> ○ PPP has no input from November 2022 and waiting for NOL from ADB. 	<ul style="list-style-type: none"> ○ Crop-centric forums for rice, cassava, maize, mango and other specific crops: 5 courses of training conducted with a total of participants 199 (28F). ○ Business forum on rice, cassava and other specific crop commodities (with input suppliers, producers, traders/buyers or collectors): 3 courses of training conducted with participant 80 (11F). ○ Legal farming contract signing consultation forum at the provincial level: conducted 4 consultation forums with participant 81 (16F). 	PPP break the work in November 2022.
Activity 3.3 Supporting climate risk management through Information and Communication Technologies (ICT):				
3.g	Supporting Climate Risk Management through Information and Communication Technologies (ICT)	<ul style="list-style-type: none"> ○ Inception report has been prepared 	<ul style="list-style-type: none"> ○ The ICT consultant just mobilized in Jan 2023 and the inception workshop will be conducted on the 6th of April 2023. ○ The inception Report has been prepared ○ An inception workshop has been done ○ Developing System Requirement and Architecture Report ○ Preparation for the Pilot Programme for climate-smart Agriculture 	

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